



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

BIOLOGICAL BULLETIN

OF THE

Marine Biological Laboratory

WOODS HOLL, MASS.

Editorial Staff

E. G. CONKLIN—*The University of Pennsylvania.*

JACQUES LOEB—*The University of California.*

T. H. MORGAN—*Columbia University.*

W. M. WHEELER—*American Museum of Natural
History, New York.*

C. O. WHITMAN—*The University of Chicago.*

E. B. WILSON—*Columbia University.*

Managing Editor

FRANK R. LILLIE—*The University of Chicago.*

VOLUME XI.

WOODS HOLL, MASS.

JUNE TO NOVEMBER, 1906.

PRESS OF
THE NEW ERA PRINTING COMPANY
LANCASTER, PA.

CONTENTS OF VOL. XI.

NO 1. JUNE, 1906.

	PAGE
INEZ L. WHIPPLE: <i>The Naso-labial Groove of Lungless Salamanders.</i>	I
E. D. CONGDON: <i>Notes on the Morphology and Development of Two Species of Eudendrium</i>	27
WESLEY R. COE: <i>A Peculiar Type of Nephridia in Nemerteans</i>	47

NO. 2. JULY, 1906.

T. BRAILSFORD ROBERTSON: <i>On the Influence of Electrolytes upon the Rate of Rhythmic Muscular Contractions. (Preliminary Communication)</i>	53
FERNANDUS PAYNE: <i>The Eyes of the Blind Vertebrates of North America. VII. The Eyes of Amphibiœna punctata (Bell), a Blind Lizard from Cuba</i>	60
T. H. MORGAN: <i>Experiments with Frog's Eggs</i>	71
A. M. REESE: <i>Observations on the Reactions of Cryptobranchus and Necturus to Light and Heat</i>	93
W. M. SMALLWOOD: <i>Notes on Branchiobdella</i>	100

NO. 3. AUGUST, 1906.

C. M. CHILD: <i>The Relation Between Regulation and Fission in Planaria</i>	113
T. H. MORGAN: <i>The Origin of the Organ-forming Materials in the Frog's Embryo</i>	124
A. P. MATHEWS: <i>A Note on the Susceptibility of Segmenting Arbacia and Asterias Eggs to Cyanides</i>	137
A. P. MATHEWS: <i>A Note on the Structure of the Living Protoplasm of Echinoderm Eggs</i>	141
BERTRAM G. SMITH: <i>Preliminary Report on the Embryology of Cryptobranchus Allegheniensis</i>	146

NO. 4. SEPTEMBER, 1906.

C. M. CHILD: <i>Some Considerations Regarding so-called Formative Substances</i>	165
FRANK M. SURFACE: <i>The Formation of New Colonies of the Rotifer, Megalotrocha alboflavicans, Ehr.</i>	182
EVIS H. BERRY: <i>The "Accessory Chromosome" in Epeira</i>	193

No. 5. OCTOBER, 1906.

	PAGE
WINTERTON C. CURTIS: <i>The Formation of Proglottids in Crossobothrium laciniatum</i> (Linton).....	202
GARY N. CALKINS: <i>The Protozoan Life Cycle</i>	229
ALICE W. WILCOX: <i>Locomotion in Young Colonies of Pectinatella magnifica</i>	245
MAY AGNES HOPKINS: <i>On the Relative Dimensions of the Osseous Semi-circular Canals of Birds</i>	253
ADELE M. FIELDE: <i>Longevity of a Velvet Ant</i>	265
FRANK H. PIKE: <i>The Degenerate Eyes in the Cuban Cave Shrimp, Palæmonetes Eigenmani Hay</i>	267

No. 6. NOVEMBER, 1906.

FRANCIS A. HULST: <i>The Histolysis of the Musculature of Culex pun-gens During Metamorphosis</i>	277
THOMAS J. HEADLEE: <i>Ecological Notes on the Mussels of Winona, Pike, and Center Lakes of Kosciusko County, Indiana</i>	305